

CHAPTER 604

CONTAINER INSPECTION, REINSPECTION, MAINTENANCE, AND REPAIR

A. PURPOSE

This chapter assigns responsibilities, establishes policies, and provides procedures for inspection, reinspection, maintenance, and repair of all DOD containers.

B. POLICY

1. All ISO containers that move in the DTS must be certified to meet 49 CFR and CSC/46 U.S.C. app. 1503 standards. Activities possessing DOD container(s) that transit the DTS will inspect, reinspect, and perform organization (user) level maintenance on containers. Inspectors qualified to certify that containers meet 49 CFR and CSC/46 U.S.C. app. 1503 standards will visually inspect containers for damage and/or serviceability before stuffing to ensure safe movement. Loaded containers will be visually inspected at each transit node.
2. Inspector Certification. Certified DOD or contractor personnel must perform inspections and reinspections. DOD personnel will and contractor personnel may be certified by attending the Intermodal Dry Cargo Container CSC Reinspection Course conducted by the U.S. Army Defense Ammunition Center, McAlester, OK 74501-9002. DOD inspectors must be recertified every 48 months. A copy of the training certificate and/or orders designating the individual as a CSC inspector will be forwarded to the Component Headquarters (HQ). As an option to the resident course, the formal Computer Based Training module may be used.
3. Ammunition Container Criteria. MIL-HDBK-138B is designated the DOD standard for ammunition containers, and will be used to inspect, reinspect, and select DOD ammunition containers. The criteria contained within this regulation complies with serviceability requirements prescribed by international recommendations and mandated by US transportation law for the shipment of United Nations Class 1 explosive materials.
4. Dry Cargo Container Criteria. DOD criteria for inspection, reinspection, and selection of containers for shipment of dry cargo other than ammunition will be the standards established by the CSC/46 U.S.C. app. 1503. Commercial container leasing standards, such as the current edition of the IICL Standards that meet CSC/46 U.S.C. app. 1503 criteria will be accepted in lieu of separate, unique DOD standards. MIL-HDBK-138B incorporates IICL standards for inspection criteria for dry cargo (non-ammunition) containers.
5. Maintain and repair DOD and commercial containers IAW the international, federal, DOD, industry standards or as recommended by the container manufacturer. Standards include the IMDGC, 49 CFR 450-453, current editions of IICL, Repair Manual for Steel Freight Containers, service technical manuals (i.e. TB 55-8115-200-233, Standards and Maintenance of MILVAN Containers and TB 55-8115-200-237P, Organization and Direct Support Maintenance Manual.) and other approved repair manuals.
6. ISO-Configured Tactical Shelters. MIL-HDBK-138B includes inspection criteria for ISO-configured tactical shelters.

C. RESPONSIBILITIES

1. Services and DOD Agencies will do the following for all ISO configured containers on their accounts or under their control that require CSC certification for movement in the DTS:
 - a. IAW 49 CFR 452, ensure containers are examined for serviceability by certified school-trained inspectors every 30 months to meet CSC/46 U.S.C. app. 1503 or IMDGC standards. Ensure all inspections are accomplished IAW MIL-HDBK-138B.
 - b. Ensure maintenance and repair is performed only by qualified personnel.
 - c. Ensure organization (user) maintenance and repair is performed on DOD-owned common-use and CADS containers.
 - d. Initially fund organization (user) maintenance (less than \$300) and repair of DOD-owned common-use and CADS containers.
 - e. Fund for inspection and/or reinspection for DOD-owned common-use, CADS and Component-owned ISO containers.
 - f. Perform and fund all maintenance (user through depot level) on Component-owned ISO configured containers to ensure standards are met.
 - g. SDDC will contract for depot maintenance and repair on leased, DOD-owned common-use and CADS containers.
 - h. Provide SDDC with the ISO Container Inspection Checklist (Appendix A) for all DOD-owned common-use and CADS containers inspected for those containers requiring repair above organization (user) repair.
 - i. Take disposal action on all uneconomically repairable DOD-owned common-use and CADS containers. SDDC will provide a DD 1348, DOD Single Line Item Requisition System Document (Manual), Figure 604-1, document number for disposal processing. Accomplish disposal through the nearest Defense Reutilization and Marketing Office (DRMO) and return the signed, completed copy of DD Form 1348-1A, Issue Release/Receipt Document, Figure 604-2, or DD Form 1348-2, Issue Release/Receipt Document with Address Label, Figure 604-3, to SDDC for accountability purposes.
 - j. Dispose of unserviceable Component-owned containers IAW Component directives, instructions, and regulations.
 - k. Ensure all containers turned into DRMO have all markings removed and/or obliterated to preclude reentry into the DTS.
 - l. Ensure any container drawn from DRMO for purposes other than moving cargo has the ISO serial number removed and/or obliterated to ensure it does not reenter the DTS.

D. PROCEDURES

1. New ISO Containers. New ISO containers, regardless of source, come with a CSC safety approval plate showing month and year the equipment must be reinspected. If new ISO containers are received without a CSC safety plate, the receiving activity must ensure the items

are inspected and certified safe for movement, and affix a CSC safety plate to the item. This inspection and certification is done by organizations to which the Coast Guard Commandant (G-MSO) has delegated authority to approve containers as complying with the International Safe Container Act IAW 49 CFR 450, General, requirements. For assistance with CSC safety plate, contact HQ SDDC, 200 Stovall Street (ATTN: SDG3-GI), Alexandria VA 22332-5000, DSN 826-8051.

2. Required Periodic Reinspections. ISO containers require reinspection and recertification prior to the expiration of date on the DD Form 2282. Use the checklists found in Appendix A.
 - a. Containers with less than 60 days to required reinspection should be reinspected prior to any loading and transport. Plated items that are in-transit with less than 60 days before reinspection may continue to proceed to their destination for unloading if they have no obvious safety defects. However, they must be reinspected as soon as possible and cannot be reloaded (stuffed) before reinspection. Plated items with expired reinspection dates cannot be placed aboard ship before reinspection and recertification. However, empty containers may be moved to another location for reinspection or repairs. After ISO containers have been reinspected, affix DD Form 2282 on the safety approval plate, showing month and year item must be reinspected. SDDC will obtain and issue DD Forms 2282 to all DOD activities. A person who places a DD Form 2282 decal on an item that has not been re-inspected according to requirements will be subject to punishment under 18 U.S.C. 1001, Statements or Entries Generally. Under no circumstances will the DD Form 2282 be painted over or covered.
 - b. ISO containers that do not comply with periodic reinspection requirements will be placed under detention. Detention is the prime tool of the US Coast Guard and foreign governments to control and enforce CSC/46 U.S.C. app. 1503 requirements. It prohibits or limits movement of containers not meeting standards. Such equipment may not be moved in or loaded for movement in the DTS until standards are met. Detention orders will also be issued for unapproved containers and/or containers presenting an obvious risk to safety.
 - c. DD Form 2282 decals will conform to the color scheme and dates shown in Table 604-1.
3. Reinspection Criteria. Reinspections required by this chapter will conform to the following guidelines:
 - a. Each reinspection will include a detailed visual examination for defects such as cracks, failures, corrosion, missing or deteriorated fasteners, and any other safety-related deficiency or damage that could place a person in danger. Such deficiencies will be corrected so that deficient containers are not placed in service.
 - b. Each reinspection will take into account the particular characteristics of various types of containers and materials of construction.
 - c. Time will be scheduled to allow for a detailed reinspection of containers. For DOD-owned common-use or CADS containers, SDDC will notify activities at least 60 days before due date of required reinspections.
4. Reinspection Records.
 - a. Use the forms shown at Appendix A for documenting inspections performed on DOD-owned and/or leased ISO containers prior to loading for shipment by any mode within the DTS.

- b. When completed reinspections show no work required to meet CSC/46 U.S.C. app. 1503 requirements, the inspector will punch the month of expiration on the DD Form 2282 (30 months from date of inspection), apply the decal, and complete reporting requirements, as described below.
- c. When repairs are required to meet CSC/46 U.S.C. app. 1503 requirements, a certified inspector will inspect all repairs. Accomplishment of repairs will be recorded on the proper work order form. The inspector will certify that repairs were satisfactorily completed. The inspector will punch the month of expiration on DD Form 2282 (30 months from date of inspection), apply decal, and complete reporting requirements.

5. Reporting Requirements.

- a. For DOD-owned common-use and CADS containers, forward the forms within 10 days of inspection to:

Commander
HQ Military Surface Deployment and Distribution Command
ATTN: SDG3-GI
200 Stovall Street
Alexandria VA 22332-5000

- b. For Component-owned ISO containers, retention and disposition instructions for checklists will be promulgated by Component authority.
 - c. Disposition and maintenance of records.
 - (1) The DOD Components maintain central repositories for CSC inspection records for their containers. SDDC will be the central repository for CSC inspection reports on DOD-owned common-use and CADS containers. Records must include ISO number of the equipment, date of last inspection, and identification of the inspector. This will ensure compliance with 49 CFR Part 452.3(b), Elements of Periodic Examinations, which requires that any container inspection report be made available to the US Coast Guard upon request.
 - (2) Maintain inspection records until next reinspection is completed.
 - (3) Completed forms for Component-owned ISO containers will be centrally controlled and/or located as directed by Component authority.
6. Reinspection Cost. Cost of reinspection, whether completed in-house or contracted-out, is the responsibility of the owning DOD Component and will be budgeted for accordingly. The DOD Components must also plan and budget for reinspection costs associated with DOD-owned common-use and CADS containers under their control based on historical usage.
7. Reinspection In Conjunction With Other Inspections. Periodic CSC reinspection of ISO containers can be performed concurrently with other routine equipment inspections. CSC reinspection should always be performed and a new decal applied when substantial (more than \$300) repair is performed.

E. MAINTENANCE AND REPAIR

1. DOD-owned common-use and CADS containers at the organization (user) level: Activities possessing containers when deficiencies are noted are responsible for coordinating with SDDC to ensure required maintenance and/or repair is performed to standards. Document deficiencies corrected and repairs completed on forms shown in Appendix A and forward to address shown in Paragraph D.5.a. above. When maintenance and/or repairs are complete, have the container certified by an approved CSC inspector and affix a DD Form 2282 to the container. User level maintenance and repair is considered any repair under the amount of \$300.
2. DOD-owned common-use and CADS containers above organization (unit) level:
 - a. If maintenance and/or repair of a container exceed organization (user) level, complete and forward forms shown in Appendix A to the address in Paragraph D.5.a. above. After review, SDDC will provide either movement or disposal instructions to the reporting activity.
 - b. If a container is economically reparable, SDDC will provide instructions to the reporting activity to move the item to a repair facility. SDDC will also provide follow-on instructions for return of the item to the reporting activity, remarking with post-repair DD Form 2282, and return to service.
 - c. If SDDC determines a container to be uneconomically reparable, DD Form 1348-1A (Figure 604-2) or DD Form 1348-2 (Figure 604-3) will be prepared by the Property Book Officer (PBO), SDDC, and forwarded to the reporting activity. The reporting activity will arrange for the container to be turned into the local DRMO, obtain a signature when accepted by DRMO, and return a signed copy to SDDC for accountability purposes and changes to ISO register and tracking system.
 - d. Upon receipt of turn-in documentation, PBO, SDDC, adjusts property records and the Continuing Balance System - Expanded Report.
 - e. Upon receipt of turn-in documentation, SDDC adjusts the ISO register, deleting the serial number.
 - f. When a container is turned in to DRMO, remove and/or obliterate all identification data to preclude reentry into the DOD container system and possible use in the DTS.
3. Component-Owned Container Maintenance and Repair.
 - a. Component-owned containers will be maintained at CSC/IMDGC Code standards as directed by the Component.
 - b. The forms shown in Appendix A will be used to document deficiencies found during inspection of containers. Completed forms will be controlled and/or located as directed by the Component.
 - c. Accountability, tracking, and disposition of Component-owned containers will be as directed by the Component.
 - d. Report containers disposed of through DRMO to SDDC (see Paragraph D.5.a. for address) to delete from the ISO register. Component-owned containers disposed of through DRMO will

have all markings removed and/or obliterated to preclude reentry into the DOD container system.

4. SDDC-Leased Containers.

- a. Maintenance of SDDC-leased container(s) will be coordinated with SDDC by the Component using the containers. No repairs will be conducted unless prior authorization is provided by SDDC.
- b. Containers will only be repaired if a requirement exists for container use and no other containers are available. Normally, the container owner will repair containers after the container has been redelivered after Government use.

F. MAINTENANCE EXPENDITURE LIMITS (MELS)

1. MELs are established on the basis of whether repair or replacement is the most economical, operationally effective option for containers requiring maintenance. Total cost to repair the item will not exceed the worth of the repaired item as compared to a like or equivalent new replacement. Primary factors used as value are: reliability and durability, which, in turn, determine operational and logistics effectiveness. Cost associated with organization (user) level maintenance will not be included in computation of repair costs.
2. MELs are maximum dollar amounts that can be spent for one time repair to return an item to fully serviceable condition.
 - a. MELs for MILVANS (Ammunition and General Cargo) are identified in Army TB 43-0002-40, Maintenance Expenditure Limits for FSC Group 81.
 - b. MELs for DOD-owned common-use and CADS commercial containers will not exceed 65 percent of acquisition cost for one-time repair. Cost of each type of container is available from property records maintained at SDDC PBO.
 - c. DOD Components will establish MELs and waiver criteria for all containers owned.
3. SDDC Deputy Chief of Staff for Personnel and Logistics will approve all waivers that exceed MEL for DOD-owned common-use and CADS containers.

G. FUNDING FOR DOD COMMON-USE AND CADS CONTAINERS

1. Organization (user) maintenance required will be reported to SDDC in the CONUS, or to SDDC or any SDDC port administering a container repair contract when located outside the CONUS for it to decide whether to repair containers and where repairs will be made. If SDDC or its port representative determines that the user should perform and/or arrange for necessary repairs, the user will obtain reimbursement through resource management channels for costs incurred provided that required documentation is submitted in the prescribed format.
2. SDDC will program a combination of appropriated and TWCF funding for maintenance above organization (user) level. This will be validated through Deputy Chief of Staff Resource Management, SDDC.

3. Activities in receipt of DOD-owned common-use, and CADS containers requiring repair or replacement, will be entitled to recover from the shipper those funds expended to repair any container determined to be economically repairable at organizational (user) level. This entitlement is also applicable to any common-user container received in an uneconomically repairable condition if the container must be downloaded into a serviceable container. For containers damaged while in the possession of a carrier, a claim against that carrier will be initiated for compensation under provisions of the DTR, Part II.

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DOD SINGLE LINE ITEM
REQUISITION SYSTEM DOCUMENT (MANUAL)

DD FORM 1348, JUL 91

DOC. IDENT.		ROUT. IDENT.		FSC		STOCK NUMBER		ADD. INFO.		QUANTITY		REQUISITIONER		DATE		SERIAL		REQ. IDENT.		IDENTIFIER		M & S		FSC		STOCK NUMBER		ADDIT.		UNIT OF ISSUE		QUANTITY																									
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		27		28		29	

SEND TO: _____

REQUISITION IS FROM: _____

DOC. IDENT.		ROUT. IDENT.		FSC		STOCK NUMBER		ADD. INFO.		QUANTITY		REQUISITIONER		DATE		SERIAL		REQ. IDENT.		IDENTIFIER		M & S		FSC		STOCK NUMBER		ADDIT.		UNIT OF ISSUE		QUANTITY											
30		31		32		33		34		35		36		37		38		39		40		41		42		43		44		45		46		47		48		49		50		51	

FUND		DISTRIBUTION		PROJECT		PRIORITY		REQ. DEL. DATE		STATUS DATA		DOC. IDENT.		ROUT. IDENT.		FSC		STOCK NUMBER		ADD. INFO.		QUANTITY		REQUISITIONER		DATE		SERIAL		REQ. IDENT.		IDENTIFIER		M & S		FSC		STOCK NUMBER		ADDIT.		UNIT OF ISSUE		QUANTITY													
52		53		54		55		56		57		58		59		60		61		62		63		64		65		66		67		68		69		70		71		72		73		74		75		76		77		78		79		80	

ADVISE: _____

REMARKS: _____

PREVIOUS EDITIONS MAY BE USED

Figure 604-1. Form DD 1348, DOD Single Line Item Requisition System Document (Manual)

27. ADDITIONAL DATA	26. RIC (4-6) UI (23-24) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	25. STOCK NO. & ADD (8-22)	24. DOCUMENT NUMBER & SUFFIX (30-44)	<div style="display: flex; justify-content: space-between;"> DOZ 1 2 3 4 5 6 7 UNIT 2 2 2 2 2 2 2 </div> <div style="display: flex; justify-content: space-between;"> R FROM 3 4 5 6 7 US 3 4 5 6 7 8 9 </div> <div style="display: flex; justify-content: space-between;"> M & S QUANTITY </div> <div style="display: flex; justify-content: space-between;"> SUPPLY- MENTARY ADDRESS 45494/74849005162535453966/758596061628364656687/88697071727374757677787980 </div> <div style="display: flex; justify-content: space-between;"> S I G N D DIS- TRI- BUTION </div> <div style="display: flex; justify-content: space-between;"> P R O C E A V R I O C M </div> <div style="display: flex; justify-content: space-between;"> E D L E O P N I </div>														
				<div style="display: flex; justify-content: space-between;"> UNIT PRICE DOLLARS CTS </div> <div style="display: flex; justify-content: space-between;"> DOLLARS CTS </div>														
				4. MARK FOR														
				<div style="display: flex; justify-content: space-between;"> 5. DOC DATE 6. NMFC 7. FRT RATE 8. TYPE CARGO 9. PS </div>														
				<div style="display: flex; justify-content: space-between;"> 10. QTY. RECD 11. UP 12. UNIT WEIGHT 13. UNIT CUBE 14. UFC 15. SL </div>														
				16. FREIGHT CLASSIFICATION NOMENCLATURE														
17. ITEM NOMENCLATURE																		
<div style="display: flex; justify-content: space-between;"> 18. TY CONT 19. NO CONT 20. TOTAL WEIGHT 21. TOTAL CUBE </div>																		
<div style="display: flex; justify-content: space-between;"> 22. RECEIVED BY 23. DATE RECEIVED </div>																		

PerFORM (DLA)
PREVIOUS EDITION MAY BE USED

VI-604-9

PerFORM (DLA)

VI-604-10

Table 604-1. Color Scheme and Dates for CSC Decals

Due Date For Yearly Inspection	Background Color
1999, 2005	Blue
2000, 2006	Yellow
2001, 2007	Red
2002, 2008	Black
2003, 2009	Green
2004, 2010	Brown

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